i-CAN 3820T

By ADB – Advanced Digital Broadcast

USER GUIDE

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ABOUT YOUR HIGH DEFINITION RECEIVER

Your receiver allows you to watch programs filmed in High Definition with much greater picture and sound quality than ever before. In addition you can do everything you would expect with a state of the art TV receiver, including the following:

- Watch free-to-air and pay TV channels including scrambled programs
- Full parental control to prevent your children watching undesirable programs
- Access to interactive applications such as home shopping, games, and e-voting
- Find your favourite channels quickly on your personal lists

WHAT IS HDTV?

HDTV (High Definition Television) is a new digital broadcasting standard bringing you much higher quality video and audio compared with the previous technology.

You will need a TV capable of displaying HD pictures at full quality to enjoy HD programs. Such TVs are labelled 'HD Ready' or 'Full HD.' Check in your TV manual if unsure whether it is 'HD ready' or 'Full HD'.

There are several reasons why HDTV provides a superior TV viewing experience:

1. Higher resolution pictures give sharper images

The picture on your TV screen is made up of dots known as pixels, and more of them give sharper pictures and display movement more realistically. The number of such dots on the screen, given as the number of lines, is a measure of the quality, known as resolution, and the higher the better. Standard definition pictures have 576 lines per screen, while High Definition TV sets can display either 720 or 1080 depending on the model.

2. Surround Sound

Many HD programs are broadcast with surround sound (Dolby Digital), which combined with the panoramic picture creates a cinema-like experience, with much higher audio quality than most standard definition TVs.

To get surround sound you'll need to have an appropriate TV set or connect your receiver via its S/PDIF connector to a home cinema device.

3. HDMI Connector

The HDMI connector transmits the HDTV pictures and sound to your TV set with the best possible quality. You must check though that your TV set supports High Definition Content Protection (HDCP), which is needed for the HDMI connector to work. If the HDMI cable cannot be used, your receiver can be connected to the TV set with a conventional SCART cable.

Thank you for purchasing an i-CAN 3820T!

SAFETY FIRST

This digital receiver has been manufactured to meet international safety standards. However, safety precautions must be followed to ensure the safe and reliable operation of the device.
Please take note of the following guidelines to avoid the risk of an electric shock.

Removing the cover of the receiver may lead to a severe and potentially fatal electric shock

This receiver has an external power supply that works in the range 100 to 240V AC, 50/60 Hz. Ensure you plug the power input lead into a standard AC wall outlet, and not any DC power source. Remember that contact with the AC power supply can be lethal.
Ensure that all cables, including the power input lead, are inserted properly into the receiver before connecting it to the AC power supply. Similarly always unplug the receiver from the power supply first, before disconnecting cables from the receiver or reconnecting them.
Never attempt to repair or reconstruct the receiver yourself. You can get a serious electric shock if you attempt to open the casing.
Be extremely careful if this receiver gets wet for any reason. Immediately unplug it from the mains supply.

DO

- If any object falls into the casing, unplug the receiver and have it checked by a qualified technician.
- Allow adequate air circulation around the unit to prevent internal heat build-up. Do not place the unit next to a radiator or any heat source, and make sure that the air vents are left clear.

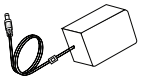
DO NOT

- Do not expose the receiver to extreme temperatures, direct sunlight, or high humidity.
- Do not place any objects on top of the receiver since that could restrict air circulation.
- Do not place the receiver on fabric furnishings, carpets or other flammable materials.

UNPACKING YOUR DIGITAL RECEIVER

Receiver

Remote Control

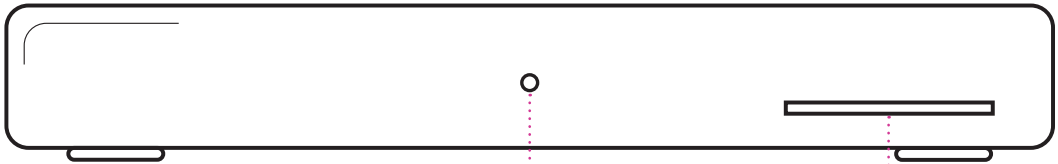


Power Supply

Telephone Cable

Batteries

FRONT PANEL



LED INDICATOR

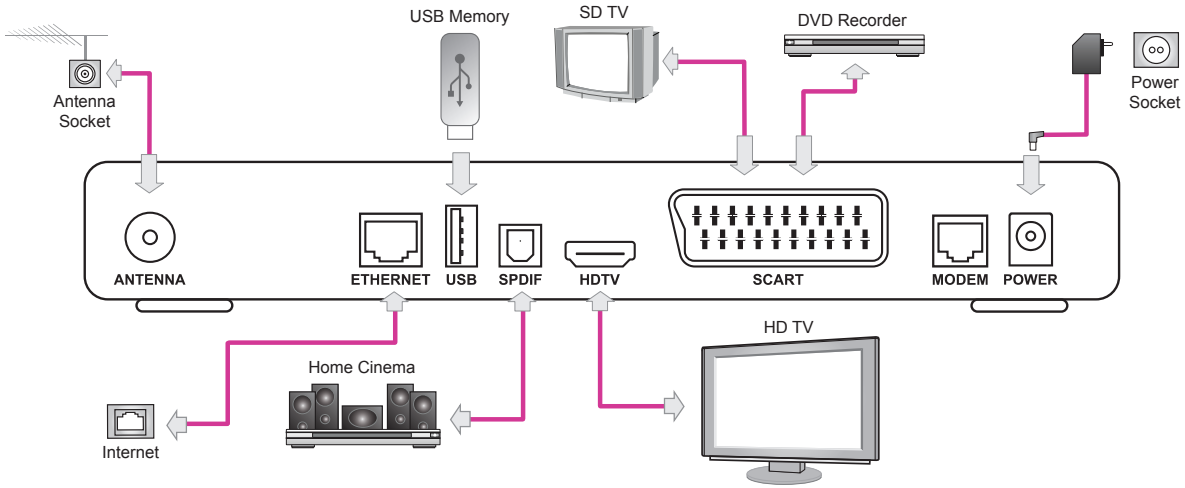
White - operating mode.
Red - standby mode.
The LED blinks when your device is receiving signals from the remote control.

SMART CARD SLOT

Smart Card allows you to view scrambled TV channels. Gently push the card into the slot. Its chip should face downwards and the symbol of an arrow should face inwards.

BASIC CONNECTIONS

The following connections need to be made in order for the decoder to work properly.



NOTE: The decoder is equipped with Pause TV feature that is described on page 19. In order to use this feature please insert a USB memory device, with at least 1GB capacity, into the USB slot, as shown in the diagram.

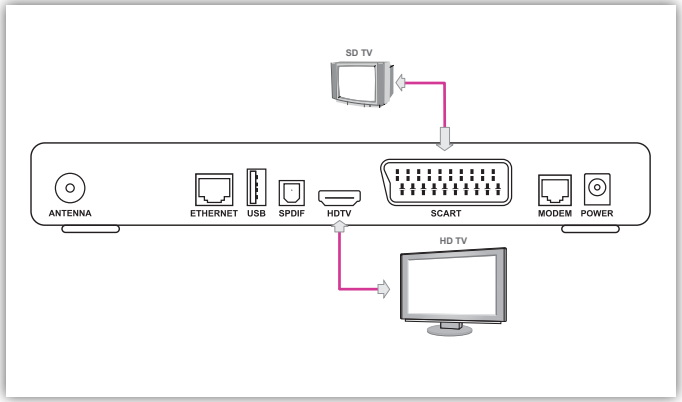
NOTE: Do not remove the USB memory device when you are using Pause TV as it may damage the device.

Plug in all cables before connecting the receiver to the power supply. Similarly always unplug the receiver from the power supply first, before disconnecting cables from the receiver or reconnecting them.

TV CONNECTIONS

There are two ways of connecting the receiver to your TV set.

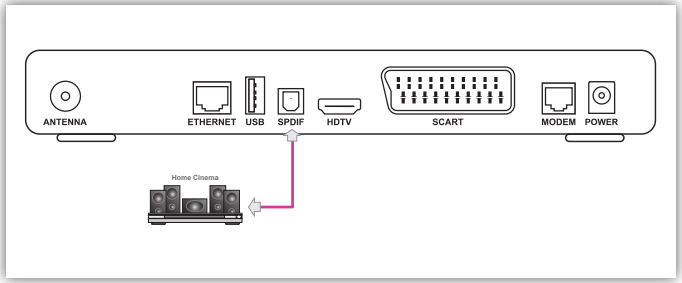
- Connection with HDMI cable is the most recommended one. It provides the highest picture and audio quality. The receiver automatically detects the best resolution for your TV. But this requires support for the High Bandwidth Digital Content Protection (HDCP) standard from your TV set.
- If there is no possibility of connecting the receiver with HDMI cable, use SCART cable.



If your receiver is connected with SCART cable, please make sure that the picture resolution is set to 576i on the receiver's menu. If the reslution of the screen is different, then the graphic is not displayed. Press several times DISP, on the remote control unit of your i-CAN receiver until it switches on to 576i mode and the graphic appears.

SURROUND SOUND

If you would like to enjoy Dolby surround sound, connect your home cinema system to the receiver with an S/PDIF cable.

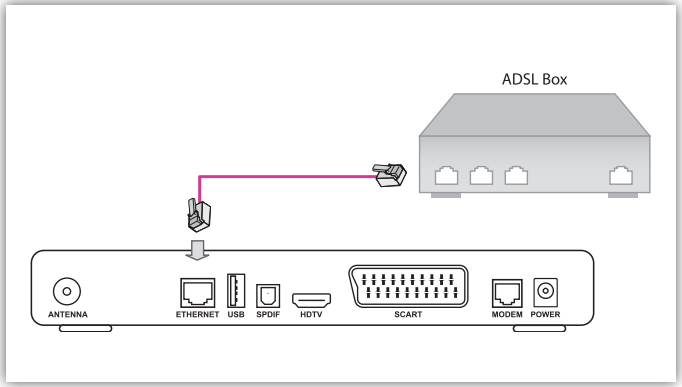


To enjoy surround sound, press MENU, select "Audio Mode" in "Your Preferences" menu and choose "Surround". Surround sound will be audible only if it is broadcast with the program.

INTERNET SET UP

You may need to set up or reconfigure your Internet connection for interactive services to work properly. First connect an Ethernet cable to the Ethernet connector on the back of your receiver, then set up the connection by going to the Network Configuration window (Menu > Installation > Network Configuration). This gives you two options for Internet configuration:

- Automatic Configuration - try this option first, as in most cases your Internet Service should be able to support automatic discovery of your new device.
- Manual Configuration allows you to enter data manually if automatic configuration is not possible. You can contact your Internet Service Provider for help.



REMOTE CONTROL

Button	Action
STB	Sets the remote control to operate your receiver.
TV	Sets the remote control to operate your TV.
TEXT	In viewing mode or in the Channel Banner, displays/ leaves teletext if it is available.
	Switches your decoder between standby and operating modes.
	Color buttons are seldom used in some of the menu screens. Used in external applications.
TV/♪	Switches between TV and Radio mode.
MENU	Displays / leaves the Menu.
APP	Displays/leaves the applications window.

Button	Action
DISP	Changes the video resolution.
BACK	In viewing mode or in the Channel Banner, alternates between the current and previous program within the same channel list. In the menu or in the Program Guide, returns to the previous screen.
EXIT	In the Channel Banner, removes the Channel Banner, or Extended Information from the screen. In the menu system or Program Guide, returns to normal viewing.
	In the Channel Banner, switch between the current program information and the next program information. In the menu, select menu items or change parameters with pre-defined values. In Time-Shift **left** rewinds content, **right** fast forwards it.
	In Channel Banner, scroll channel information up/down. The decoder remains tuned to the current channel. In the menu, select menu items or menu options.

REMOTE CONTROL

Button	Action
	Displays/leaves the Program Guide.
	In the Channel Banner, tunes to the channel the Channel Banner refers to. In the menu, selects the currently highlighted menu item or confirms your choices made in the menu screens.
	Switches circularly between: viewing mode, Channel Banner, Channel Banner with Extended Information. In menu screens displays help texts.
	Initiates Pause TV functionality. See page 19 for more information.
	Increases/decreases audio volume level.

Button	Action
	Mutes the sound. Pressing this button once again will restore the previously set volume level.
	In viewing mode, or in the Channel Banner, tunes to the next/previous channel. In the Channel List, menu, or in the Program Guide, scrolls the channel list page up/down.
	Number buttons allow you to type your choice directly, for example channel numbers or a PIN code (default PIN code: 1234).
	Displays/leaves currently used channel list. Select the channel you want to tune to, and press .
	Displays the Options menu where you can change the audio and subtitles language and screen format. Particular options are available only if they are broadcast with the program.

HOW TO SET UP YOUR RECEIVER

The LED indicator on the front panel will light up to confirm you have plugged your receiver into the mains. If your receiver is correctly connected to the TV set then the Welcome Screen should appear after a few seconds. Wait until this Welcome Screen disappears and is replaced by the Select On-Screen Language screen. If however the Welcome Screen does not appear in the first place, this may indicate that the receiver's resolution should be changed.

CHANGING RESOLUTION

If necessary change the resolution by pressing twice the DISP button on the remote control. Press the DISP button once to show the current resolution mode on the TV screen. Press this button again to change the mode.

FIRST TIME INSTALLATION

Select On-screen Language

The Select On-screen Language screen allows you to set the language you want to display on-screen information. Press ▼▲ to highlight the on-screen language and press OK to make your selection. Please note that you can also change the on-screen language in the Language Options screen (Select Your Preferences from the Main Menu).

Select TV Screen Format

This window allows you to adjust the shape of your TV display.

Numbering Method

You can arrange your channels in two ways.

- If you choose Automatic Order, the channels will be numbered as the broadcaster set them.
- If you choose No Order, the channels will be numbered in the order they are found during the channel search process.

Search for Channels

After selecting the numbering method the channel search process starts automatically. The decoder looks automatically for channels. When the process is completed, the decoder will inform you about the total number of channels found. You can then press OK to save the list.

If the channel search procedure is not completed successfully the decoder will display an error message. Please make sure that the connection between your receiver and antenna is made properly.

You can now press OK to go to Language Selection screen or press MENU to enter Main Menu where two options are available: Installation and Help.

> **i** Note that your receiver will automatically select any action you have highlighted after 10 seconds if you have not chosen the item yourself in that time.

CHANNEL INFORMATION

The channel name and number appear on the bottom left corner of the screen immediately after changing channel. However this information soon disappears (after a preset time) and you can then obtain more detailed information about both the channel and the current program you have selected by pressing the INFO button. This brings up the Channel Banner window at the bottom of the screen.

WHAT IS CHANNEL BANNER?

Channel Banner appears at the bottom of the screen when you press INFO during normal viewing. This gives the channel name and number, but also basic information about the current and next program.

Extended Information on programs

When extended information is available the ⓘ appears. Press INFO again when the Channel Banner is displayed to obtain Extended Information about the current program. This may run over more than one page, but you can then press INFO to scroll through the pages.

To close the Extended Information window press INFO when the last page is displayed, or press EXIT at any stage.

MORE INFORMATION

You can also learn about your receiver's functionality from help texts available for each window or function.

You can access these by going to the Help menu under Menu or by pressing INFO whenever the

icon is displayed.

HOW TO CHANGE CHANNELS?

You can change channels in several ways:

- Press number keys on your remote control.
- Press CH+ / CH-.
- When the Channel Banner is displayed press ▼ ▲ on remote control to browse through channels and select one. Then press OK to tune to the selected channel.
- In the Channel List press LIST select a channel, then press OK

HOW TO CHANGE PROGRAM OPTIONS?

You can change the languages you originally set for audio, subtitles, or teletext, and also alter the display format, all at any time while watching a program. Changes made in the Program Options window are valid for the time you are tuned to the current channel.

1. Press OPT to enter the Program Options window.
2. Using ▼ ▲ select an item you would like to change.
3. Using the ◄ ► keys, change to the language or display the format you want.
4. Press OK to accept the changes or BACK to reject them.

Here are the icons that you might see on the screen:

There are more soundtracks available for the program. To change the soundtrack, press OPT.

The channel is locked.

The channel is temporarily unlocked.

There is Extended Information available for the program.
To display the information, press INFO.

Pressing OK tunes to the channel whose name and number is displayed in the Channel Banner.

Surround sound is available for this program.

There are subtitles available for the program. Press OPT to choose a subtitle language.

This program/channel is broadcast in High Definition.

The program is blocked, because its rating exceeds the set parental level.

Interactive services are available on this channel.

Teletext is broadcast on the currently tuned channel.

Content of this channel is scrambled.

CHANNEL LISTS

How to Create a New Channel List?

You can create up to 20 different lists of your favorite channels.

1. Press MENU and select Channel Lists.

2. Select New TV List or New Radio List and press OK.

3. Use arrow keys and press OK then enter the name for your new list (for example films, documentaries) and select Accept.

4. When the list of channels appears, use ▼▲ to scroll up or down and highlight the one you want to add. Then press OK to add that channel to that list.

5. When you have finished adding channels to the list, press BACK.

Note that you cannot mix TV and Radio channels in the same channel list. You must have separate lists for TV and radio channels.

How to change your Channel Lists?

1. Press MENU and select Channel Lists.

2. Select a list you want to change and press OK.

3. From the commands list select the action you would like to perform and press OK.

4. Your next response will depend on the command you have just chosen. Please note there are guiding prompts at the bottom of the screen.

How to select channels from your Channel Lists?

You can move easily between your favorite lists.

1. Press LIST.

2. Use ◀▶ to choose the list with the channel you want.

3. Use ▼▲, or the number keys, to select a channel from that list. You can also use CH+/ CH- to scroll up or down through the list.

4. Press OK to tune to the selected channel.

NOTE: You can also switch between your All TV and All Radio lists using the TV/♪ button.

PARENTAL CONTROL

How to lock a program/channel?

Your receiver supports two types of lock. You can stop your child from watching programs on the basis of their suitability for particular ages with Parental Level, or block whole channels with Channel Lock.

Parental Level

The Parental Level option lets you set a particular viewing age and blocks all programs labeled as unsuitable for children younger than that. For example if you set Parental Level to 7 years, all programs unsuitable for viewers under 7 would be locked under PIN code protection. You can access these locked programs yourself by entering your PIN, which is set to 1234 as the default but can be changed. You can also disable all locks at any time by changing the Protection Status in the Parental Control submenu to 'Inactive'.

The Protection Status must be set to 'Active' for Parental Control to work.

To set the Parental Level:

1. Press MENU to access Main Menu and select Parental Control.
2. Choose Parental Level.
3. Using ◄► set the age limit and press OK.

Channel Lock

To set the Channel Lock:

1. Press MENU and select Parental Control.
2. Choose Channel Lock menu.
3. In the Channel Lock window, select either All TV or All Radio.
4. Using ▼▲ select a channel to be locked and press OK.

How to Change your PIN code?

1. Press MENU to access Main Menu and select Parental Control.
2. Select Change PIN.
3. Enter the current PIN code. The initial PIN code when the receiver is delivered to you is 1234.
4. Enter the new PIN code and repeat it to confirm.

INTERACTIVE APPLICATIONS

Interactive applications give you access to social networking, gaming, information, or other sources of entertainment. The options available depend on your broadcaster, but your receiver has all the potential you need to enjoy a full range of interactive services.

If there is an interactive service or function available on the channel you are watching, the APP icon will be displayed in the Channel Banner. To see the full list of interactive services on all your channels, press the APP button.

By default, some interactive services start automatically, such as voting, when you tune to a channel. If you do not want these processes to run automatically, set the Application AutoSTART option (go to Menu then Your Preferences then Display Options) to No.

ELECTRONIC PROGRAM GUIDE

The Electronic Program Guide (EPG) provides you with an on-screen TV schedule and information about current program content. Please bear in mind that this information is available only if provided by the broadcaster.

To access the Electronic Program Guide press EPG key on your remote control. Use the ◄ ► buttons to navigate through the days of the week and the ▼ ▲ buttons to scroll through the program list for a particular day.

LANGUAGE OPTIONS

The Language Options screen (Menu – Your Preferences – Language Options) allows you to select options concerning preferred languages. These settings apply to all the texts displayed on the screen.

On-screen Language – specifies the language in which all the menus and screens are displayed.

Primary Audio – specifies the first choice of language you would like to use for your audio soundtracks.

Secondary Audio – specifies the second choice of language you would like to use for your audio soundtracks (when the Primary Audio is NOT available).

Subtitles – specifies whether subtitles are displayed (if available).

Primary Subtitles – specifies the first choice of language you would like to use for your subtitles.

Secondary Subtitles – specifies the second choice of language you would like to use for your subtitles (when the Primary Subtitles are NOT available).

SCREEN SAVER AND BANNER DURATION

Banner Duration

The Banner Duration option allows you to decide how long channel information is displayed after tuning to another channel. If the Disabled option is assigned to the Banner Duration option, the information will not be displayed.

Screen Saver

Some TV screens may suffer "screen burn-in" when static images are displayed for a long time. To prevent this effect, after the time specified in the Screen Saver option, most of the TV screen gets dark.

TV SETTINGS

TV Screen Format

If you have changed your TV and its format is different from the one chosen during the First Time Installation, adjust your TV Screen Format option to fit the format of your new TV.

Display Format

If a program is broadcast in an image format that results in cropped pictures, you can choose to transform the picture so that it better fits your TV screen. You can choose between Full Screen, Letter-Box and Pan-Scan.

FACTORY RESET

If you want to return your receiver's settings to the default values it had when you first took it out of the box, select Factory Reset. This restores all original factory settings and cancels all the changes you have made. To do this select Yes in the Factory Reset screen and press OK.

To access Factory reset screen you need to provide PIN code. The default PIN code is: 1234.

HELP

In order to open the Help menu, press the MENU button on your remote control. Then, using the ▼ ▲ buttons highlight the Help item and press the OK button.

Additionally, any time the

icon appears on the screen, pressing INFO displays a help text.

PAUSE TV

Thanks to "Pause TV", you can pause a program, have a several-minute break and resume watching without missing a single second.

To be able to use the "Pause TV" functionality choose an appropriate USB Memory Stick (at least 1GB) and plug it on the back panel of your decoder. Then, the formatting process of the USB Memory Stick starts. It may last several seconds. If your USB Memory Stick proves to be too slow, you can still use it but the quality of playback may not be satisfactory.

Once the Memory Stick has been prepared, press ▶/II to activate Pause TV (recording). To resume watching press ▶/II. You can also pause, fast-forward, rewind within the recorded content (see Remote Control).

Time of "Pause" mode depends on the capacity of your USB Memory Stick and the broadcast quality.

When "Pause TV" is turned off by pressing EXIT or on channel change, the whole recorded content is lost.

While in "Pause TV" mode a banner appears as presented below:

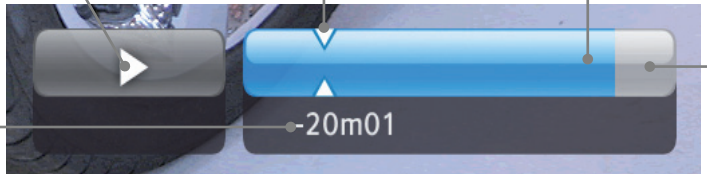
Do not remove the USB memory device when you are using Pause TV.

Mode icon indicates the current state of the Pause TV.

Slider shows which part of the program you are watching now.

Blue bar shows how much recording space for live broadcast is taken.

Time-Shift shows how much time behind the live program you are. "-12m18" means that you are 12 minutes and 18 seconds behind the live video.



Gray bar shows how much recording space for live broadcast is still free.

SOFTWARE UPGRADE

To ensure that your receiver continues to provide the highest levels of quality and satisfaction, new versions of its software will be released from time to time. Your receiver can be updated to these versions in three ways.

1. When the receiver is in standby mode. Upgrade will happen one hour after the receiver goes into standby mode and you will be informed this has been done when you next switch the receiver to operation mode.

2. If the receiver is left in operation mode, the receiver will search for software updates at 4 am every day unless you specify otherwise. If you want to change when and how often your receiver searches for software upgrades, go to the System Settings window (Menu > Installation > System Settings).

3. Search for a new software version can be carried out manually.

This can be done if for example you want to keep your receiver in operation mode all the time and never do regular software updates. To start the manual search, select the Receiver Upgrade option (Menu then Installation then Receiver Upgrade) and press .

Software upgrade via USB

You can upgrade your receiver via USB. Download the latest software version from the www.i-can.tv website. Then copy it on a USB memory device. Insert the memory into the USB slot on the back of the receiver and wait for the update screen to appear. Please note that the USB memory device must be formatted with FAT file system (you will find the instructions on page 20). You can find further information in the trouble shooting section on www.i-can.tv

To be sure that the receiver has the latest software version installed, it is suggested to put the receiver into standby when not used. Downloading a new software version may change the previous functionality of the decoder.

FORMATTING THE USB MEMORY STICK

If you wish to upgrade your receiver using a USB key to download the software from www.i-can.tv, you will need to format your USB key first, as follows.

NOTE: You don't need to apply this procedure to enjoy Pause TV via your USB key.

The procedure applies to Windows XP. For other operating systems, please consult user manual of your computer on how to create FAT partition on the USB device.

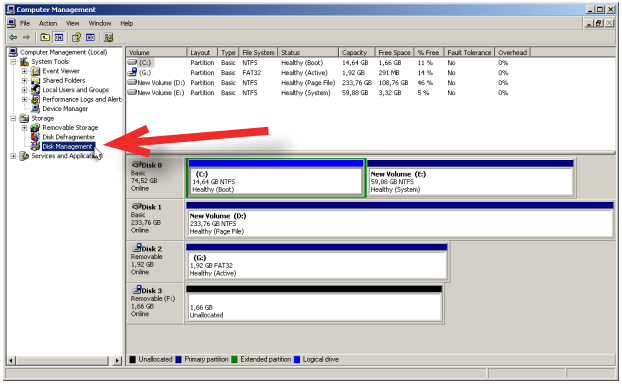
1. Plug the USB Memory Stick into your computer's USB port.

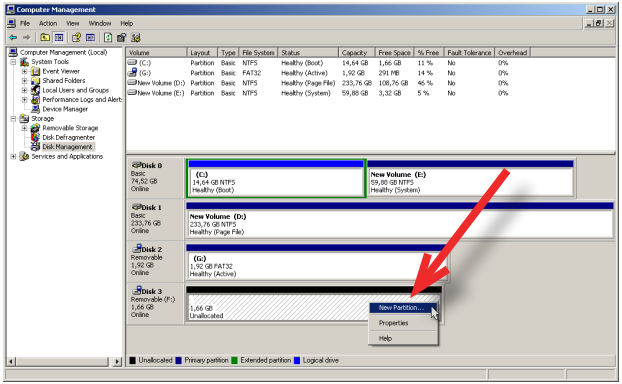
2. Go to "Computer Management" by means of one of the following methods:

a. right-clicking on the "My Computer" icon displayed on the desktop and opening the "Manage" command,

b. going to the "Start" menu, "Control Panel", "Performance and Maintenance", "Administrative Tools" and opening "Computer Management",

c. going to the "Start" menu, "Control Panel", "Administrative Tools" and opening "Computer Management".


Computer Management
File Action View Window Help
Computer Management (Local)
System Tools
Event Viewer
Shared Folders
Local Users and Groups
Performance Logs and Alerts
Device Manager
Storage
Removable Storage
Disk Defragmenter
Disk Management
Services and Applications
Volume Layout Type File System Status Capacity Free Space % Free Fault Tolerance Overhead
(C:) Partition Basic NTFS Healthy (Boot) 14,64 GB 1,66 GB 11 % No 0%
(G:) Partition Basic FAT32 Healthy (Active) 1,92 GB 291 MB 14 % No 0%
New Volume (D:) Partition Basic NTFS Healthy (Page File) 233,76 GB 108,76 GB 46 % No 0%
New Volume (E:) Partition Basic NTFS Healthy (System) 59,88 GB 3,32 GB 5 % No 0%
Disk 0 Basic 74,52 GB Online
(C:) 14,64 GB NTFS Healthy (Boot)
New Volume (E:) 59,88 GB NTFS Healthy (System)
Disk 1 Basic 233,76 GB Online
New Volume (D:) 233,76 GB NTFS Healthy (Page File)
Disk 2 Removable 1,92 GB Online
(G:) 1,92 GB FAT32 Healthy (Active)
Disk 3 Removable (F:) 1,66 GB Online
1,66 GB Unallocated
Unallocated Primary partition Extended partition Logical drive


Computer Management
File Action View Window Help
Computer Management (Local)
System Tools
Event Viewer
Shared Folders
Local Users and Groups
Performance Logs and Alerts
Device Manager
Storage
Removable Storage
Disk Defragmenter
Disk Management
Services and Applications
Volume Layout Type File System Status Capacity Free Space % Free Fault Tolerance Overhead
(C:) Partition Basic NTFS Healthy (Boot) 14,64 GB 1,66 GB 11 % No 0%
(G:) Partition Basic FAT32 Healthy (Active) 1,92 GB 291 MB 14 % No 0%
New Volume (D:) Partition Basic NTFS Healthy (Page File) 233,76 GB 108,76 GB 46 % No 0%
New Volume (E:) Partition Basic NTFS Healthy (System) 59,88 GB 3,32 GB 5 % No 0%
Disk 0 Basic 74,52 GB Online
(C:) 14,64 GB NTFS Healthy (Boot)
New Volume (E:) 59,88 GB NTFS Healthy (System)
Disk 1 Basic 233,76 GB Online
New Volume (D:) 233,76 GB NTFS Healthy (Page File)
Disk 2 Removable 1,92 GB Online
(G:) 1,92 GB FAT32 Healthy (Active)
Disk 3 Removable (F:) 1,66 GB Online
1,66 GB Unallocated
New Partition...
Properties
Help
Unallocated Primary partition Extended partition Logical drive

3. Select "Disk Management".

4. Right-click on the white area on the right of the "Removable" Disk icon. This area shall display "Unallocated" text.

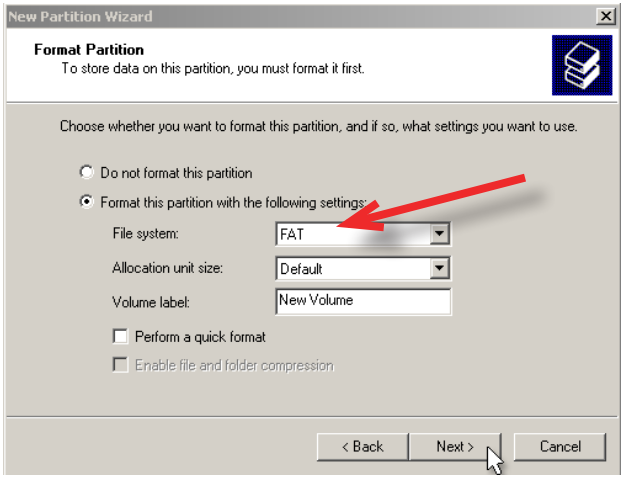
5. Click "New Partition".

6. Follow the instructions of the "New Partition Wizard". As there is no need to change the default values, click "Next" till the "Format Partition" window.

7. In the "Format Partition" window, choose FAT or FAT32 for "File system".

8. Click "Next" and "Finish".

9. The window of your USB Memory Stick appears. The Memory Stick is ready to be used.


New Partition Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this partition, and if so, what settings you want to use.
Do not format this partition
Format this partition with the following settings:
File system:
FAT
Allocation unit size:
Default
Volume label:
New Volume
Perform a quick format
Enable file and folder compression
< Back
Next >
Cancel

MAINTENANCE

If you wish to clean your decoder, first unplug it from the mains. To clean the decoder, use a soft, dry cloth. For very dirty surfaces, dip a soft cloth in a weak soap-and-water solution and wring well. After cleaning, wipe with a soft, dry cloth.

Never use alcohol, paint thinner, or a chemically treated cloth to clean this unit. Such chemicals may damage the unit's finish.

BEFORE REQUESTING SERVICE

Most problems with your receiver can be resolved easily without needing support from your vendor or service provider. So before making a service call, please check the table below for a possible cause of your problem. The most common problems result from improperly connected cables, so the first step is to check that all cables are in place. Try disconnecting and then reconnecting each one, ensuring they are firmly pushed into their sockets. If this does not work, try some of the other remedies in the table below, and only if this fails to resolve the problem call your vendor or service provider or check the trouble shooting section on www.i-can.tv

TROUBLESHOOTING

General issues

Symptom	Solution
- The standby indicator on the receiver's front panel does not light up.	• Check that the wall socket is supplying power. Then the LED on the receiver's power plug should light up green. • Check if the power cable, SCART cable, and antenna cable are correctly connected and that the receiver is switched on. Try disconnecting and then reconnecting these cables to ensure they are properly in place.
- The standby indicator on the receiver's front panel is red.	• Your receiver is in standby mode, so just press the ⏻ button on your remote control to take the receiver into full operational mode.
- Your remote control fails to operate your receiver.	• Make sure your receiver is in operating mode. • Make sure that you are pointing your remote control at the receiver's front panel. • Check the batteries in your remote control. • Make sure that the receiver is not exposed to direct sunlight. • If these measures do not work the problem may be caused by a temporary transmission error, or some of your receiver's software settings may have been lost. Try switching off your receiver at the power source and switch it back on after a few seconds.

Installation issues

Symptom	Solution
- You cannot find terrestrial channels.	• If you are using a directional antenna, make sure it is pointing towards a digital TV transmitter and positioned correctly. • We recommend you use a standard outdoor antenna, which normally works better than an indoor one. • Check that the antenna cable is connected correctly. • If these steps do not resolve the problem, you should call your vendor.

Audio and video issues

Symptom	Solution
- The picture on your TV screen changes color. This may happen after a power cut, or after your receiver has been disconnected from the power source.	• Your receiver has lost some of its software settings. Switch your receiver off and then back on after a few seconds. If the problem persists, contact your vendor.
- Blocks appearing in the picture on the screen.	• The signal is too weak or is defective, which could be due to bad weather conditions. Try adjusting the position of your antenna, or wait for the signal to be re-established.
- Your TV is blank or 'snow' appears on the screen.	• Make sure your TV is set to receive the signal from the appropriate input. • Your receiver may be in standby mode (if the LED on the front panel is red). Press the button to turn your receiver back to operation mode. • Alternatively some of the connections may have worked loose. Check that all the connections are made properly. Then turn the receiver off and after a few seconds turn it on again. Change the resolution by pressing DISP.
- The picture appears 'squashed' or cut off.	• The Display Format in the Options menu has not been set to match your TV. Try a different setting (see page 17).
- There is no sound.	• Check whether your receiver is in Mute mode. If it is, use your receiver's remote control and press the volume up button. • Check whether the volume on your receiver or TV is sufficiently high. Press the volume buttons on the remote control of your receiver or of your TV set. • Check that the receiver is properly connected to your TV or your sound system, and check that your sound system is switched on.. Some connections may have worked loose.
- There is not surround sound	• Make sure that the program you are watching is broadcast in surround mode, indicated by DD the icon. • Check your SPDIF audio cable is well connected between you receiver and the Home Cinema central unit, and check that your sound system is switched on. • Check in the System Settings that you have selected the surround sound audio option.

TECHNICAL DATA

System:
Front-end: DVB-T
DVB-T Input frequency range: VHF III: 174 - 230MHz;
DVB-T UHF IV/V: 470-862MHz
Powered by STi7111 CPU
FLASH memory: 68 MB
RAM memory: 256 MB

Connectivity:
IEC-Type connector for DVB-T input
TV SCART
HDMI Output
Optical S/PDIF digital audio output
DC input from external power supply
USB 2.0 slot
Rj-45 slot for ethernet connection
Rj-11 Modem V.34
Smart Card reader

Video:
MPEG-2: MP@ML, MP@HL, H.264 p.10: MP@ L4.1, HP@L4.1
Supported resolutions: 1080i, 720p, 576p, 576i
Formats: 4:3, 16:9 with Pan & Scan, Letterbox
Graphics: 32 bit OSD

Audio:
MPEG-1 audio layer I, II, III
AC-3 pass through to S/PDIF
AC-3 downmix
eAC pass through to HDMI

Conditional Access System:
Nagra, Conax, Irdeto.

Software:
Loader for Over The Air software upgrades, USB upgrades. Set of applications including: Channel Banner, Parental Control, Menu Teletext on VBI and OSD, DVB subtitles

Accessories:
Remote control unit with batteries
External power supply unit: 12V DC
PSTN Modem cable
Getting started
Universal RCU programming manual

Reliability & Compliance:
DVB compliant
Quality according to EU norms, CE marking

General Data:
Dimensions: 238w x 169d x 46h mm
Power consumption: maximum 18W
Weight: 1,5kg
Decoder: 0.6 kg
Accessories: 0.5 kg
Packaging: 0.4 kg

Default PIN code is 1234

This specification is subject to improvement and change without notice.

USER GUIDE

IMPORTANT INFORMATION FOR THE END USER RELATED TO THE WEEE DIRECTIVE 2002/96/CE AND 2003/108/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL REGARDING WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE).

The crossed-out wheeled bin symbol attached to this product means that the product is covered by the European Directive "WEEE" 2002/96/EC and its later amendment 2003/108/EC.

To protect the natural environment, for the future disposal of this product, please act according to your local rules and do not dispose of your old product with your normal household waste.

It is necessary to return the waste to a WEEE collection point licensed by Public Administration. It is also possible to return the item to a dealer if you are buying similar equipment.

The above directive states that economic penalties will be imposed for an irregular disposal of WEEE (Waste of Electric & Electronic Equipments).

CONFORMITY DECLARATION
The CE symbol placed on this digital decoder i-CAN 3820T guarantees the conformity to European Directives:

2004/108/EC - Electromagnetic Compatibility Directive
2006/95/EC - Low Voltage Directive
2002/95/EC - RoHS EU-Directive
2002/96/EC and 2003/108/EC - WEEE EU-Directives
93/68/EEC - CE marking
EN 50419:2006 - WEEE marking

CE

Advanced Digital Broadcast, dichiara che il set-top box in riferimento è conforme ai requisiti e alle misure richieste dalla Direttiva 1999/5/EC. La dichiarazione completa può essere fornita in originale se necessario.
ADB reserves the right to modify the design of the Set-Top Box without any notice.

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USER GUIDE